

PCT

10/018691
WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 7 :

C12N 15/10, 9/12 // 9/90, (C12N 9/12,
C12R 1:645)

A1

(11) International Publication Number:

WO 00/01809

(43) International Publication Date:

13 January 2000 (13.01.00)

(21) International Application Number: PCT/US99/15135

(22) International Filing Date: 2 July 1999 (02.07.99)

(30) Priority Data:

60/091,667

2 July 1998 (02.07.98)

US

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(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG,
BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB,
GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG,
KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK,
MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI,
SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA,
ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ,
UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD,
RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK,
ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI
patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR,
NE, SN, TD, TG).

Published

With international search report.

*Before the expiration of the time limit for amending the
claims and to be republished in the event of the receipt of
amendments.*

(54) Title: TAXOL PRODUCTION VIA GENERATION OF EXTRACHROMOSOMAL DNAs IN THE FUNGUS *PESTALOTIOPSIS*

(57) Abstract

This invention relates to compositions and methods useful for producing extrachromosomal DNA, wherein such extrachromosomal DNA codes for a product which changes the level of taxol production. More specifically, the present invention relates to such compositions and methods for producing extrachromosomal DNA based on the unexpected discovery that the *Pestalotiopsis* fungi add one or more telomeric repeats to the ends of exogenous DNA.